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Epidemiology News

Georgia Southern University

Cost-Effectiveness of Alternate Strategies

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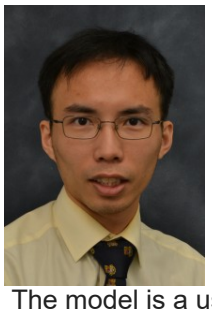

A collaborative study including Dr. Isaac Fung, assistant professor of epidemiology at the Georgia Southern University Jiann-Ping Hsu College of Public health examines cost-effectiveness of alternative strategies for annual influenza v

Vaccination among children in four provinces in China. To support policy making, we developed an initial model to assess the cost-effectiveness of potential strategies to increase influenza vaccination rates among children in China. We studied children aged 6 months to 14 years in four provinces (Shandong, Henan, Hunan, and Sichuan), with a health care system perspective. We used data from 2005/6 to 2010/11, excluding 2009/10. Costs are reported in 2010 U.S. dollars.

The model is a useful tool in identifying elements for evaluating vaccination strategies. However, more data are needed to produce more accurate cost-effectiveness estimates of potential vaccination policies.

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